

to be faced to the corresponding one. This lacquer coat, preferably based on polypropylene, modified or not, is provided to ensure the adhesion of the two foils together by thermal sealing along their periphery. This coat is not represented on the drawings for reasons of clarity.- -

At page 4, the paragraph beginning at line 17, amend as follows: - -

The device involves also, optionally, a felt 12 made of nonwoven material of which the fibers are preferably from the same polymer as the films of the outer pouch. It will be attached between the two films by peripheral thermal sealing. During the storage of the lighting element before use, this felt will have time to absorb the whole of the activator liquid and spread it uniformly in the pouch. The result will be a good uniformity in emitted light after the liberation of the oxalate solution because the two chemical liquids diffuse into each other within a short time. The level of activator liquid 10 in Fig. 2, is shown at the time of filling; later, it will be absorbed in the felt as said above. - -

In the Claims:

1. A chemiluminescent lighting element, comprising at least two closed chambers, one housed within the other and filled respectively with an oxalate solution and an activator solution, said oxalate solution enclosed in a pouch, said pouch made of thin metal foil, said pouch being one chamber, another larger pouch made of translucent polymeric film containing said activator solution constituting said other chamber whereby bursting of said one pouch initiates chemiluminescent light and said metal foil reflects said light.

ADD NEW CLAIMS

13. A chemiluminescent lighting element of claim 1 further comprising said metal foil being aluminum.

14. A chemiluminescent lighting element of claim 1 further comprising a nonwoven material in said other chamber, said activator solution absorbed in said nonwoven material whereby said chemiluminescent light takes the form of said nonwoven material.

15. A chemiluminescent lighting element of claim 14 further comprising a peripheral seal enclosing said larger pouch, said nonwoven material attached to said larger pouch by said peripheral seal.

16. A chemiluminescent lighting element of claim 15 further comprising said nonwoven material in the form of a felt, said felt constructed of a polymeric material.

17. A chemiluminescent lighting element of claim 1 further comprising a hard particle located in said other chamber for piercing said metal foil.

18. A chemiluminescent lighting element of claim 17 further comprising said hard particle being a steel ball.

19. A chemiluminescent lighting element of claim 1 further comprising a soft polymer layer in said metal pouch.

ABSTRACT

A container for a chemiluminescent lighting element is made of two pouches, one disposed within the other, with the pouches containing an oxalate and an activator, respectively. The inner pouch, holding the oxalate, is made of a gas tight foil, ~~such as aluminum~~, and the outer pouch holding the activator is made of a translucent polymeric film. The inner pouch is ruptured to mix the oxalate and the activator and initiate the chemiluminescent light ~~which may be further reflected if the pouch is made of aluminum foil~~. The outer pouch may have a shaped nonwoven material inside in which the

activator is absorbed so that the chemiluminescent light may project the shape.

the inner pouch foil then serving as a reflector for such light. The light output may be further increased if the foil is aluminum foil.